

Title (en)
MANUALLY OPERATED INSUFFLATOR

Title (de)
HANDBETRIEBENER INSUFFLATOR

Title (fr)
INSUFFLATEUR MANUEL

Publication
EP 1755728 A4 20130116 (EN)

Application
EP 05738110 A 20050421

Priority
• US 2005013825 W 20050421
• US 56470604 P 20040423

Abstract (en)
[origin: WO2005105198A1] The invention includes a device, kit, and system capable of manually distending a subject's body cavity. In one embodiment, the invention includes a distention media reservoir (10), insertable member (20) for insertion into a body cavity, and a manually operated pumping member (12) capable of displacing distention media from the reservoir and into a body cavity. In some embodiments, the distention media reservoir may be air or CO₂. In one embodiment, the invention is available in the form of a kit. In another embodiment, the devices include a reusable portion and a consumable portion. The reusable portion may include the media distention reservoir and pumping member, the consumable portion includes the insertable member, and may also include a barrier for preventing effluent from contaminating the reusable. In other embodiments, the device is adapted to function as a distention media booster pump that may be used in conjunction with an electro-pneumatic insufflation system.

IPC 8 full level
A61M 13/00 (2006.01); **A61M 31/00** (2006.01); **A61M 37/00** (2006.01)

CPC (source: EP US)
A61M 13/003 (2013.01 - EP US); **A61M 2205/075** (2013.01 - EP US); **A61M 2205/7536** (2013.01 - EP US); **A61M 2209/06** (2013.01 - EP US)

Citation (search report)
• [X] US 3858572 A 19750107 - BINARD WILLIAM J, et al
• [XI] FR 811074 A 19370406
• [X] US 2539189 A 19510123 - GARRETT SHERMAN S
• [XI] US 5322070 A 19940621 - GOODMAN JOHN [US], et al
• [AD] WO 03045303 A2 20030605 - E Z EM INC [US], et al
• See references of WO 2005105198A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005105198 A1 20051110; CA 2563632 A1 20051110; EP 1755728 A1 20070228; EP 1755728 A4 20130116; US 2009171268 A1 20090702

DOCDB simple family (application)
US 2005013825 W 20050421; CA 2563632 A 20050421; EP 05738110 A 20050421; US 56815305 A 20050421